| <br>ndex of |  |
|-------------|--|
|             |  |

| Application/Control I | 10. |
|-----------------------|-----|
|-----------------------|-----|

Applicant(s)/Patent under Reexamination

10/502,527

ANDERSCH ET AL. Art Unit

Examiner

Sabiha Qazi

1616

| √  | Rejected |
|----|----------|
| 11 | Allowed  |

| <b>[</b> . | 1 | (Through numeral)<br>Cancelled |
|------------|---|--------------------------------|
| Γ.         | ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                    | aim      |          |   |          |              | Dat          | e  | _            |  |          | ]  | Cla           | im       |           |          | _        |          | Dat              | e        | _  |
|------------------------|----------|----------|---|----------|--------------|--------------|--|--------------|--|----------|----|---------------|----------|-----------|----------|----------|----------|------------------|----------|----|
| Final                  | Original | 9/17/05  |   |          |              |              |  |              |  |          |    | Final         | Original |           |          |          |          |                  |          |    |
|                        | 1        |          |   |          |              |              |  |              |  |          | ]  |               | 51       |           |          |          |          |                  |          | Ι  |
|                        | 2        |          |   |          |              |              |  |              |  |          | ]  |               | 52       |           |          |          |          |                  |          | T  |
|                        | 3        |          |   |          |              |              |  |              |  |          | ]  |               | 53       |           |          |          |          |                  |          | Ι  |
|                        | 4        | L,       |   | L        |              |              | L  | <u> </u>     | 乚  | 乚        | ]  |               | 54       | Ш         |          | L        | L        | L                | L        | l  |
|                        | 5        | <u> </u> |   |          | L            | L            | L  | L            |  | 上        |    | L             | 55       |           |          | L        | L        |                  | <u>L</u> | 1  |
|                        | 6        | <u> </u> | L | <u> </u> | <u> </u>     | ļ.,          | L  | L            | ╙  | 上        | 1  | L             | 56       |           |          | L_       | L        | <u> </u>         | ┖        | ↓  |
|                        | 7        |          |   | <u> </u> | _            | <u> </u>     | _  | <u> </u>     | L.   | <u> </u> |    |               | 57       |           |          | _        | <u> </u> | _                | Ļ        | 1  |
|                        | 8        |          |   | ┞.       | _            | <u> </u>     | <b> </b> _                                       | ↓_           | <u> </u>   | L        |    |               | 58       | _         |          |          | ╙        | <u> </u>         | <u> </u> | 1  |
|                        | 9        | √        |   |          | _            | <u> </u>     | <u> </u>   | L            | ļ  | ļ.       |    |               | 59       | Щ         |          |          | L        | _                | _        | 1  |
|                        | 10       | √        | _ | ┡        | ┞            | ┞            | <del>  _ </del>                                  | <u> </u>     | ┞  | ⊢        | ļ  |               | 60       | Ш         |          |          | _        |                  | ļ        | ļ  |
|                        | 11       | V        |   | ⊢        | ┞            | $\vdash$     | ┡  | _            | ļ  | ├        |    |               | 61       | Ш         |          |          | ļ        | ļ                | ļ        | 1  |
|                        | 12       | √.       |   | ┡        | ┡            | <u> </u>     | ļ  | <u> </u>     | ┡  | ┡        |    |               | 62       | Ш         |          | _        | <u> </u> | ļ                | ļ        | ļ  |
|                        | 13       | √        |   | ├-       | ┞            | ├-           | ├  | ऻ_           | L  | -        |    |               | 63       | $\square$ |          |          | -        | -                | <u> </u> | 1  |
| <b></b>                | 14       | V        |   | <u> </u> | ⊢            | ⊢            | ├  | _            | <u> </u>   |          | ļ  |               | 64       | $\vdash$  |          |          | <u></u>  | -                | <u> </u> | 1  |
|                        | 15       | 1        | _ | ├        | ├            | ⊢            | -  | 1            | -  | ļ        | 1  |               | 65       | $\vdash$  | _        |          | ऻ_       | $\vdash$         | ⊢        | +  |
| -                      | 16<br>17 | ~        |   | $\vdash$ | $\vdash$     | ⊢            | ├  | ⊬            | ⊢  | <u> </u> | 1  |               | 66<br>67 | Н         |          | _        | ├        | ┡                | ┢        | ╀  |
| $\vdash$               | 18       | -        | - |          | -            | <del> </del> | <del> </del>                                     | -            | ⊢  | ⊢        | 1  |               | 68       | Н         | _        | _        | -        | -                | ⊢        | ╀  |
| $\vdash$               | 19       | -        |   | $\vdash$ | <u> </u>     | <u> </u>     | ┢  | H            | ⊦  | ├        | 1  |               | 69       |           |          |          | ⊢        | $\vdash$         | ⊢        | ╀  |
| $\vdash$               | 20       | _        |   | $\vdash$ | ┢            | ⊢            | ├  |              | ⊢  | ┢        | 1  |               | 70       | Н         | _        |          | -        | -                | ⊢        | ╀  |
|                        | 21       | H        |   | ┢        | ├            | ├┈           | -  | -            | $\vdash$   | ┝        | ١, |               | 71       | $\vdash$  |          | _        | ├—       | ┢                | $\vdash$ | ╀  |
| -                      | 22       | $\vdash$ |   | -        | ╁            | ┝            |  | ┢            | -  | ⊢        |    | $\vdash$      | 72       | $\vdash$  | $\dashv$ |          | ╌        | ├-               | $\vdash$ | ╁  |
| <del></del>            | 23       |          |   | -        | ⊢            | ├            | ├  | ┢            | ┢  |          |    |               | 73       | -         | $\dashv$ |          |          | ⊢                | -        | ╁  |
| $\vdash$               | 24       | $\vdash$ |   | ┢        | ┢            | ┢            | -  | $\vdash$     | ⊢  | ├        |    | -             | 74       | -         |          |          | ⊢        | ├                | ├        | ł  |
|                        | 25       | Н        |   | -        | ⊢            | $\vdash$     | -  | <del> </del> | ⊢  | ⊢        |    |               | 75       | $\vdash$  | $\dashv$ | _        | ┢        | ├                |          | t  |
|                        | 26       |          |   | ┢─╴      | <del> </del> | ╁            | ┢  | ┢            |  | -        |    |               | 76       | $\vdash$  | $\dashv$ |          | -        | ├─               | ⊢        | t  |
|                        | 27       | -        |   | -        | ┢            | -            | <del>                                     </del> | -            |  |          |    |               | 77       | -         |          |          | ┢        | ┢                | H        | t  |
|                        | 28       | $\dashv$ | _ | ┢        | _            | $\vdash$     | $\vdash$   | $\vdash$     | <del>                                     </del> | $\vdash$ |    | -             | 78       | $\dashv$  | $\dashv$ |          | -        | -                |          | t  |
| $\vdash$               | 29       |          | _ | $\vdash$ | Г            | ┰            | Т  | Н            |  |          |    |               | 79       | Ħ         | $\dashv$ |          |          |                  |          | t  |
|                        | 30       |          |   |          | <u> </u>     | $\vdash$     | $\vdash$   | Н            | _  |          |    |               | 80       | $\Box$    |          |          |          |                  |          | t  |
|                        | 31       |          | - |          |              |              | $\vdash$   | $\vdash$     |  |          |    |               | 81       |           |          |          |          |                  |          | t  |
|                        | 32       |          |   |          |              |              |  |              |  |          |    |               | 82       |           |          |          |          |                  |          | T  |
|                        | 33       |          |   |          |              |              |  |              |  |          |    |               | 83       |           |          |          |          |                  |          | T  |
|                        | 34       |          |   |          |              |              |  |              |  |          |    |               | 84       | $\Box$    |          |          |          |                  | $\vdash$ | t  |
|                        | 35       |          |   |          |              |              |  |              |  |          |    |               | 85       |           |          |          |          |                  |          | Γ  |
|                        | 36       |          |   |          |              |              |  |              |  |          |    |               | 86       |           |          |          | Ĺ        |                  |          | Γ  |
|                        | 37       |          |   |          |              |              |  |              |  |          |    |               | 87       |           |          |          |          |                  |          | Γ  |
|                        | 38       | ]        |   |          |              |              |  | L            |  |          |    |               | 88       |           |          |          | Ĺ        |                  |          | ſ  |
| $\sqcup \sqcup$        | 39       |          |   |          | L.           | _            |  |              |  | L        |    |               | 89       |           |          |          | L        |                  |          | Ĺ  |
| $\Box$                 | 40       |          |   | L        |              |              | L_   |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |          |    |               | 90       |           |          |          |          |                  |          | Ĺ  |
|                        | 41       |          |   |          |              |              | $\Box$   | <u> </u>     | ᆫ  | L        |    |               | 91       |           | _        |          |          | $ldsymbol{oxed}$ | Ŀ        | L  |
| <b>  </b>              | 42       | _        | _ | _        | $\vdash$     | <u> </u>     | Ш  | <u> </u>     | Щ  | L.       |    |               | 92       |           |          |          | <u> </u> | Щ                | _        | L  |
| $\vdash$               | 43       |          | _ | _        | <u> </u>     | <u> </u>     | <u> </u>   | $\vdash$     | <u> </u>   | <u> </u> |    |               | 93       | _         |          |          |          |                  | L        | L  |
|                        | 44       |          |   |          | Щ.           | -            | $\vdash$   | <u> </u>     | $\vdash$   | <u> </u> |    | $\rightarrow$ | 94       |           | _        | _        | <u> </u> | $\vdash$         |          | L  |
| $\vdash \vdash$        | 45       |          |   | _        | Ŀ            | Н            |  | $\vdash$     | $\vdash$   |          |    |               | 95       | _         | -        |          | ļ        | ļ                | _        | L  |
| $\vdash$               | 46       |          |   |          |              | $\vdash$     | Щ  | -            | _  | <u> </u> |    |               | 96       |           | 4        |          |          | Щ                | _        | L  |
| <del>   </del>         | 47<br>48 | $\dashv$ |   |          |              | <u> </u>     | _  | $\vdash$     | $\vdash$   |          |    |               | 97       | $\dashv$  |          | _        |          | H                |          | H  |
| $\vdash$               | 48       | 4        |   |          | <u> </u>     |              | -  | $\vdash$     |  | -        |    |               | 98<br>99 | $\dashv$  | -        |          | -        | Н                |          | H  |
| $\vdash \vdash \vdash$ | 50       |          | _ | -        | i            |              | -  |              |  |          | }  |               | 100      | $\dashv$  | $\dashv$ | $\dashv$ | _        | $\vdash$         |          | ┞  |
|                        | 50       |          |   |          |              | ш            |  | Щ.           |  |          | L  |               | 100      |           | [        |          | <u></u>  |                  |          | L. |

| <u> </u>       | 21111          | ┞  | _  | _  | ,—   | <u> </u> | <del>-</del>                                     | ,        | ,        |  |
|----------------|----------------|--|--|--|--|----------|--|----------|----------|--|
| Final          | Original       |  |  |  |  |          |  |          |          |  |
|                | 51             |  | $\vdash$   | ⇈  |  |          |  |          |          |  |
| <b>—</b>       | 51<br>52<br>53 | -  | 1-   | ╁  | <del>                                     </del> | ╁┈       | ╁╌   | $\vdash$ | 1        | t  |
|                | 52             | ┢  | ⊢  | ╁  | $\vdash$   | +-       | ╁  | ┢╌       | ┢┈       | -  |
|                | 53             | -  | ╁  | ₩  | ⊢  | +-       | -  | ┢        | ⊢        | ┝  |
| <b>├</b>       | 54<br>55       | ⊢  | ⊢  | ╀  | ├-   | ـ        | ├-   | <u> </u> | ┡        | <u> </u>   |
|                | 55             |  | <u> </u>   | <u> </u>   | 上  | <u> </u> | <u> </u>   | <u> </u> | ļ        | ļ.,  |
|                | 56<br>57<br>58 |  | <u> </u>   | L  | L  |          | <u> </u>   |          | <u> </u> | <u> </u>   |
|                | 57             |  |  |  |  |          | L  |          | L        |  |
|                | 58             |  |  |  |  |          |  |          |          |  |
|                | 59             |  |  |  |  |          |  | Ī        |          |  |
|                | 59<br>60       |  |  |  |  |          |  | T        | Г        |  |
|                | 61             | _  | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | -        | <del>                                     </del> | H        | 一        | <del>                                     </del> |
|                | 62             | $\vdash$                                     | ┢  |  | <del> </del>                                     | 1        | ╁  | $\vdash$ | ⊢        | ┢  |
|                | 62<br>63       | $\vdash$                                     | ⊢  | ┼  | -  | ┼        |  | -        | ⊢        | ├  |
| -              | 03             | L  | -  | -  | ┢  | <u> </u> | <u> </u>   | -        | _        | -  |
| <u> </u>       | 64             | _  | <u> </u>   | ┖  | <u> </u>   | _        | <u> </u>   | L.       |          | _  |
| <u></u>        | 65<br>66       | <u></u>                                      | $oxed{oxed}$                                     | $oxed{oxed}$                                     | L  |          | $oxed{oxed}$                                     |          | <u></u>  |  |
|                | 66             |  |  | L  | _  |          |  | <u> </u> |          |  |
|                | 67             |  |  |  |  |          |  |          |          |  |
|                | 68             | <u>.                                    </u> | L.   |  |  |          |  |          |          |  |
|                | 68<br>69       |  |  |  |  |          |  | Г        |          | Г  |
|                | 70             |  | П  |  |  |          |  |          |          |  |
|                | 71             |  |  |  |  |          |  |          |          |  |
|                | 72             |  | ⇈  |  |  |          | T  | T        | T        | _  |
|                | 73             | <b></b>                                      | Т  | T  |  | 一        |  | _        |          |  |
|                | 73<br>74       |  |  | T  |  |          |  |          | T        |  |
|                | 75             |  |  | 1  | Т  | <u> </u> | Г  |          |          |  |
|                | 76<br>77       |  |  | Г  |  | Π        | Г  |          |          |  |
|                | 77             |  |  |  |  |          |  |          |          |  |
|                | 78             |  |  |  |  |          |  |          |          |  |
|                | 79             |  | П  |  |  |          |  |          |          |  |
|                | 80             |  | Ì  |  |  |          |  |          |          |  |
|                | 81             |  | Г  |  |  |          |  |          | -        | $\vdash$   |
|                | 82             |  |  |  |  | $\vdash$ |  |          | $\vdash$ | $\vdash$   |
|                | 83             |  |  |  |  |          |  | -        | _        | _  |
| <u> </u>       | 84             | -  | <del>                                     </del> | H  | $\vdash$   | $\vdash$ | $\vdash$   |          |          | <del> </del>                                     |
|                | 85             |  |  | <del>                                     </del> | ┢  | ┢        | $\vdash$   |          |          | -  |
|                | 86             | _  | $\vdash$   |  | <del>                                     </del> | $\vdash$ | $\vdash$   | Н        | -        | Н  |
|                | 87             | -  | $\vdash$   | $\vdash$   | <del> </del>                                     | $\vdash$ |  | -        | $\vdash$ | <del> </del>                                     |
| <del>  -</del> | 88             | —  | ├─   | ┢  | $\vdash$   |          | -  |          | $\vdash$ | -  |
|                | 89             |  |  | -  | -  |          | $\vdash$   | _        |          | -  |
|                | 90             | _  | <del> </del>                                     | ├─   | $\vdash$   | $\vdash$ | Н  |          |          | _  |
| _              | 91             |  |  | ┢  | -  |          | <del>  -  </del>                                 | _        |          | _  |
|                | 92             | -  |  | -  |  | $\vdash$ |  | -        | _        | _  |
|                | 93             |  |  | <u> </u>   | $\vdash$   |          |  |          |          | Т  |
|                | 94             |  | Ι  |  |  |          | П  | _        |          | _  |
|                | 95             |  |  |  |  |          |  |          |          |  |
|                | 96             |  |  |  |  |          |  |          |          |  |
|                | 97             |  |  |  |  |          |  |          |          |  |
|                | 98             |  |  |  |  |          |  |          |          |  |
|                | 99             |  |  |  |  |          |  |          |          |  |
|                | 100            |  |  |  |  |          |  |          |          |  |

| Cli         | aim               | Date     |          |  |          |          |  |          |          |          |  |
|-------------|-------------------|----------|----------|--|----------|----------|--|----------|----------|----------|--|
|             |                   |          | Ī        | Ι  |          |          | Ī  | П        |          | П        |  |
| Final       | Original          |          |          |  |          |          |  |          |          |          |  |
|             | 101<br>102        |          | Г        | <del>                                     </del> |          |          | ┢  | ╁        | $\vdash$ | Н        |  |
|             | 102               |          |          |  |          | Π        | Γ  |          | 1        | П        |  |
|             | 103               |          | П        |  |          |          |  |          |          |          |  |
|             | 104               |          |          |  |          |          |  |          |          |          |  |
|             | 104<br>105        |          |          |  |          |          |  | <u> </u> |          |          |  |
|             | 106               |          |          | L  | L        | Ĺ        |  |          |          |          |  |
|             | 107               | <u></u>  |          | <u> </u>   |          |          | L  | L        |          | Ш        |  |
|             | 108               | L        | <u> </u> | <u> </u>   | ┖        | _        | $oxed{oldsymbol{oldsymbol{oldsymbol{eta}}}}$ | L        | _        |          |  |
|             | 109               | <u> </u> | ļ        | ╙  | <u> </u> |          | <u> </u>                                     | _        | <u> </u> | Ш        |  |
|             | 110               | L.       |          | igspace  |          |          | <u> </u>                                     | L        | <u> </u> | Ш        |  |
| <u> </u>    | 111               | <u> </u> |          | <u> </u>   | <u> </u> |          | ļ  | ļ        | <u> </u> | Щ        |  |
| ļ           | 112               | <u> </u> | -        | <b> </b>   |          |          | <b>.</b>                                     | <u> </u> | ┞        |          |  |
|             | 112<br>113<br>114 | _        | -        | <u> </u>   |          | <b>—</b> | <del> </del> _                               | ├        | <u> </u> | Щ        |  |
| ļ           | 115               | ⊢        |          |  | ├—       | -        | -  | ⊢        | ⊢        | Н        |  |
|             | 116               | ┝        | -        | ┢  | -        | -        | ┝  |          | ┝        | Н        |  |
| <del></del> | 117               | H        | -        | <del> </del>                                     | $\vdash$ | $\vdash$ | $\vdash$                                     | ┢        | ├        | H        |  |
|             | 118               | -        | ┢        | 一  | ┢        | $\vdash$ | H  | ┢        | ╁        | $\vdash$ |  |
|             | 119               | $\vdash$ | $\vdash$ | <del>                                     </del> | $\vdash$ | _        | <b>-</b>                                     | -        | t        | H        |  |
|             | 120               | <u> </u> | _        | <del> </del>                                     |          | $\vdash$ |  | _        | $\vdash$ | Н        |  |
|             | 121               |          | _        |  | <u> </u> |          | -  |          | Г        |          |  |
|             | 121<br>122        |          |          |  | _        | $\vdash$ |  |          |          | П        |  |
|             | 123               |          |          |  |          |          |  |          |          |          |  |
|             | 124<br>125        |          |          |  |          |          |  |          |          |          |  |
|             | 125               |          |          |  |          |          |  |          |          |          |  |
|             | 126<br>127<br>128 |          | <u>_</u> |  | _        | _        |  |          | _        | Ш        |  |
|             | 127               |          | <u> </u> | _  |          | <u> </u> | <u> </u>                                     | <u> </u> |          |          |  |
| $\Box$      | 128               | <u> </u> |          | <u> </u>   | _        | _        | <u> </u>                                     | _        | _        | ļ        |  |
|             | 129<br>130        | _        |          | ├-   | <u> </u> |          | <u> </u>                                     | _        | $\vdash$ | Н        |  |
|             | 131               |          | <u> </u> | -  | $\vdash$ | <u> </u> | $\vdash$                                     | ⊢        | -        | Н        |  |
|             | 132               | _        |          |  | -        |          | -  | ┝        | _        | Н        |  |
| _           | 132<br>133        |          | _        | -  | H        | -        |  |          |          | Н        |  |
|             | 134               |          | _        | -  |          | -        |  | $\vdash$ | $\vdash$ | Н        |  |
|             | 135               |          | _        |  |          |          |  | · · ·    | Т        |          |  |
|             | 136               |          |          |  |          |          | _  |          |          |          |  |
|             | 137               |          |          |  |          |          |  |          |          |          |  |
|             | 138               |          |          |  |          |          |  |          |          |          |  |
|             | 139               |          |          |  |          |          |  |          |          |          |  |
|             | 140               |          |          |  | Ь.       |          | _  |          | <u> </u> |          |  |
|             | 141               |          | _        | L  |          |          |  |          |          |          |  |
|             | 142               |          | _        | L  |          |          |  |          | _        | _        |  |
| -           | 143<br>144        |          | -        | $\vdash$   |          |          |  | <b>—</b> | -        | $\dashv$ |  |
|             | 145               | _        | -        | $\vdash$   | -        | -        |  | -        | Н        | $\dashv$ |  |
|             | 145               |          | -        |  | -        | _        |  |          |          | $\dashv$ |  |
|             | 147               | $\dashv$ | _        | $\vdash$   | _        |          |  |          | Н        | $\dashv$ |  |
|             | 148               | $\dashv$ |          | $\vdash$   |          | Н        | _  | -        | H        | $\dashv$ |  |
|             | 149               | $\neg$   |          |  |          |          |  |          |          | $\dashv$ |  |
|             | 150               |          |          |  |          |          |  |          |          | $\neg$   |  |
|             |                   | _        | _        |  |          |          |  |          |          |          |  |